

PRODUCT SPECIFICATION SHEET

Ethyl Alcohol 190 Proof (95%) Certified Organic Corn Alcohol

| Test | Specification | Typical Results |
|---|---|-----------------------------|
| Assay (by specific gravity@25oC) | NLT 94.9% | 95.01% |
| Proof | Lot Analysis | 190.0 |
| Identification (Infrared Spectra) | Conforms to IR Spectra | Pass |
| Specific Gravity | Not more than 0.8096 @ 25.0°C | 0.8092 |
| Specific Gravity | Not more than 0.8161 @ 15.56oC | 0.8158 |
| Solubility in Water | No haze or turbidity develops | Pass |
| Acidity (as acetic acid) | NMT 0.003% | Pass |
| Alkalinity (as NH3) | NMT 3 mg/kg | Pass |
| Organic Impurities - Fusel Oil | To Pass Test | Pass |
| Organic Impurities – Ketones, Isopropyl Alcohol | To Pass Test | Pass |
| Organic Impurities - Methanol | To Pass Test | Pass |
| Organic Impurities – Substances Darkened by Sulfuric Acid | To Pass Test | Pass |
| Organic Impurities – Substances Reducing Permanganate | To Pass Test | Pass |
| Inorganic Impurities - Lead | NMT 0.5 mg/kg | Pass |
| Organic Impurities – Methanol and Other Volatile Impurities | Methanol 200 ppm max. Any other single impurity 1000 ppm max. Sum of all impurities 5000 ppm max. | <5 ppm <1 ppm <20 ppm |
| Nonvolatile Residue | NMT 0.003% | <0.001% |
| Organic Impurities – Methanol and Other Volatile Impurities | Methanol 200 ppm max. Any other single impurity 1000 ppm max. Sum of all impurities 5000 ppm max. | <5 ppm <1 ppm <20 ppm |

Appropriate/legal use of this product is the responsibility of the user